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| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | Attorney Docket No. 8017-1170 U.S. Application No. 10/537661 |
| INTERNATIONAL APPLN. NO. PCT/JP2003/015523 | INTERNATIONAL FILING DATE December 4, 2003 | PRIORITY DATE CLAIMED December 6, 2002 |
| TITLE OF INVENTION: NEGATIVE-RESISTANCE CIRCUIT AND ACTIVE FILTER | | |
| APPLICANT(S) FOR DO/EO/US: Masaharu ITO, Kenichi MARUHASHI, Shuya KISHIMOTO and Keiichi OHATA | | |
| Applicant herewith submits to the United States Designated Elected Office (DO/EO/US) the following items and other information: | | |
| <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. See attached PCT/IB/308. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made, however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) 10. <input type="checkbox"/> A Declaration of Inventorship for purposes of U.S.A. designation pursuant to rule 4.17(iv).) 11. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). | | |
| Items 11 to 20 below concern document(s) or information included: | | |
| <ol style="list-style-type: none"> 12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS) w/PTO-1449 - <input checked="" type="checkbox"/> Copy of IDS citations. 13. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)). 14. <input checked="" type="checkbox"/> A preliminary amendment. 15. <input checked="" type="checkbox"/> An Application Data Sheet under 37 C.F.R. 1.76. 16. <input checked="" type="checkbox"/> Itemized Return Receipt Postcard 17. <input type="checkbox"/> A substitute specification. 18. <input type="checkbox"/> Power of Attorney and Statement under 37 CFR §3.73(b) <ol style="list-style-type: none"> a. <input type="checkbox"/> Newly executed Power of Attorney b. <input type="checkbox"/> A change of Power of Attorney and/or change of address letter. 19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 20. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 21. <input type="checkbox"/> A second copy of the English language translation of the international application (35 U.S.C. 154(d)(4)). 22. <input checked="" type="checkbox"/> Other items or information: <u>Abstract, International Search Report, PCT/IPEA/409 (International Preliminary Examination Report)</u> | | |

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| U.S. APPLICATION NO. 10/537661 | | INTERNATIONAL APPLN. NO. PCT/JP2003/015523 | | ATTORNEY DOCKET NO. 8017-1170 | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. <input checked="" type="checkbox"/> The following fees are submitted: | | | | CALCULATIONS PTO USE ONLY | |
| PCT FEES - NATIONAL STAGE | | | | | |
| Fee Description | | | | | |
| Basic National Stage Fee | | | | \$300.00 | |
| Non ISA/US Search Provided National Stage Search Fee | | | | \$400.00 | |
| <input type="checkbox"/> US was the IPEA And all claims satisfied the provisions of PCT Article 33 (1)-(4) National Stage Examination Fee | | | | \$200.00 | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20- <input type="checkbox"/> 30 months from the earliest claimed priority date (Fee Code 1617/2617) | | | | \$0.00 | |
| National Stage Application size fee each additional 50 sheets in excess of 100 Fee Code 1681/2681 | | Additional Sheets 42 - 100 = = X 50 | | Fee From Below \$125.00 | \$0.00 |
| CLAIMS | | NUMBER FILED | NUMBER EXTRA | RATE | |
| Independent Claims Fee Codes 1614 / 2614 | | 2 - 3 = | | x \$100.00 | \$0.00 |
| Total Claims Fee Codes 1615 / 2615 | | 22 - 20 = | 2 | x \$50.00 | \$100.00 |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) Fee Code 1616 / 2616 | | | | + \$360.00 | \$0.00 |
| Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). Fee Code 1618 | | | | \$0.00 | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). (Fee code 8021) \$40.00 per property | | | | + | \$40.00 |
| TOTAL FEES ENCLOSED | | | | = | \$1,040.00 |
| | | | | Amount to be refunded: | \$ |
| | | | | Charged: | \$ |
| <input checked="" type="checkbox"/> A check in the amount of \$1,040.00 to cover the above fees is attached. <input type="checkbox"/> The Director is hereby authorized to charge indicated fees and credit any overpayment to Deposit Account No. 25-0120 in the name of Young & Thompson. A duplicate copy of this sheet is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 25-0120 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17. | | | | | |
| SEND ALL CORRESPONDENCE TO: YOUNG & THOMPSON 745 South 23 rd Street Arlington, VA 22202 Telephone: (703) 521-2297 Facsimile: (703) 685-0573 | | |  SIGNATURE | | |
| Y&T Customer No. 00466 BC/yr | | | Benoit Castel, Reg. No. 35,041 NAME, REGISTRATION NUMBER | | |
| | | | June 6, 2005 DATE | | |